NT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497271

Serial No. 1st and final Bill
Name of Work ..... From ..... To .....
Name of Contractor of nature of Agency M/s. Sooryo Creations, Prop: P. Hemanth, Bangalore.
Date of commencement of work D.O. Recording: 30.04.2021

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of work :- Development of Road and drains in Ward no. 06						
	Estimated cost :- Rs. 7.00 Lakhs.						
	Work order no :- BBMP/EE/BTP/WO/185/2020-21 Dated. 03.02.2021						
	JOB. NO :- 006.20-000197. Indent no. 45958						
	(1) Earthwork excavation by manual means in ordinary soil, involving an average horizontal throw upto 2m and average lift upto 0.30m, Excavated surface levelled and dressed						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	dressed, the disposed earth to be levelled neatly after breakup of roads complete as per specifications.						
						qty-wise ~~Estimate~~ pre-measurement sheet(2) p.no. 49 & 28 of this MB = 114.47 m³ @ 99.21/m³ 11357.00	
2)	Constructing of Rolled cement concrete mix of 1:4:8 opc. cement @ 180 kgs, with 20 mm and down size graded granite metal coarse aggregate at 0.85 m³ and fine aggregate @ 0.5 m³, base course with coarse and fine aggregate confirming to IS:383, aggregate cement Ratio - 12:1 and minimum cement content of 180 kg/m³, aggregate gradation to be as						

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc,
1	2
	per Table. 600-4 Optimum moisture a paver with smooth whe flexural str specifications
	3) providing an

BOOK

...adth	Depth 6	Contents 7	Reference to last Measurement 8
...eatly after breaking			
...ball pre-measurement item no.(2)			
of this MB = 114.47 m³			
		@ 99.21/m³	11357.00
... mix of 114:8			
... in size graded			
... and fine aggregate			
... the aggregate config...			
... 12:1 and minimum			
... gradation to be as			

M. A. R. 57 (Rule 116)

Measurement Book

No. B 497272

Serial No. ....

Name of Work .... From.............................. To..............................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	for Table. 600-4. after blending, mixing in batching plant at optimum moisture content, transporting to site, laying with a paver with electronic sensor, compacting with 8-10 tonnes tandem wheeled vibratory roller to achieve the designed flexural strength, finishing and curing complete as per specifications.						
		Qty vide of this	pm. item no.(2) MB. =	p.no 497286 61.20 m³	@ 2596.40/m³		1,58,900.00
	3) providing and constructing granite / trap / basalt size stone						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	masonry in basement with cm 1:6, Edges of stones chisel dressed in course not less than 15cms high, bond stones at 2m apart in each course including costs of materials, labours, stamps, Machinary, curing complete as per specifications and directions of Engineer-in-charge of works.						
		2×1	5.20	0.60	0.60	5.62	3.84 3.88 7.62
		2×1	5.80	0.60	0.60	6.24	26,438.00
	for-CO.			Total	11.77 m³	@ 3600/m³ Rs	26424
				Add	1.34		
4)	Providing and laying in position plain cement concrete of mix 1:3:6 with ope. cement @ 220 kg/, with 20mm and down size graded granite metal Coarse aggregate @ 0.84 m³ and fine aggregate @ 0.56 m³, machine mixed concrete laid in						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	layers not exceeding 15 and plinths including costs new curing complete as Co copy. read
5)	Providing flush pointing mortar 1:3, 20mm deep

ENT BOOK

Dimensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
dges of stones chisel				
hgs, bond stones at 2m				
ntends, labours, tramsp				
ctions and directions of				
0.60	0.60	5.62		3.84
0.60	0.60	6.36		3.88
11.77 m³ @ 3600/m³ Rs				7.62
Unit 7.34				26,438.00
ment concrete of				26424
with 20mm and down				
gregate @ 0.44m³ any				
d concrete laid in				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497273

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work.....

Date 1	Full description, etc., of item 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Layers not exceeding 15cms, thickness well compacted in foundations and plinths including cost of all materials, labours, tramsp of mater- ials curing complete as per specifications and.						
	Ex Capping	2 nos	5.20	0.60	0.10	0.62	
	Ex Capping	2 nos	5.70	0.60	0.10	0.68	
						1.30 m²	4392.00
	Unit = 1.22 m³ @ 3600/m³						4406.00
5)	Providing flush pointing to coursed stone masonry with cement mortar 1:3, 20mm thick after raking of joints to depth of 20mm						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Nicely lining, including costing material, labour, curing complete as per specifications.						
	cp	2 ~~A~~ 1	5.20	-	0.10	= 6.24	
		2 x 1	5.70	-	0.80	12.24 y² 6.84 / 13.08	
				Total to	12.244	@ 160.56/y²	1965.60
(6)	Providing precast slab of 250 mm thick including costing all materials labour, curing, transportation, loading, unloading etc complete as per direction of Engineer in-charge of work.						
	fix-up / to receive	1	5.20	1.20	=	6.24 / 8.16 y²	
		1	5.70	1.20	-	6.84 y² @ / 13.054	44064.00
7)	Providing and laying, spreading and compacting graded stone			Total to	12.244 m²	@ 3600/-	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	aggregate to wet m the material, with carriage of mixe layers with pave surface and comp desired density

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		...on, Curing complete	
		0.1 = 6.24	
		0.80 12.24 m² / 13.08 = 6.83	
2442	C	160.56 m²	1965.00
		...cost of all materials	
		...etc complete as	
		5.24	
		= 8.16 m²	
		- 6.84 m² C	
		13.08 m²	49064.00
3600		...graded stone	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497274

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	aggregate in wet mix macadam, specifications including premixing the material, with water at OMC in mechanical mix plants carriage of mix & method of tipper to site, laying in uniform layers with paver in sub-base course on well prepared surface and compacting with vibratory Roller to achieve dry desired density complete as per specifications.						
	qty vide pm. No. (3)						
	p.no 49728 sq.m.						
	2					17.40 m³ @ 1440.92/m³	25072.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8)	Providing and laying in cement concrete using 20mm and down size granite jelly of Ready mixed concrete (RMC) for Ree Work laid in 15 cms thick layers, well compacted, vibrating, curing, finishing with necessary cm, form work and scaffolding in with steel pumping of concrete, with all lead and lifts etc complete.						
	C.C. Road (Contractor work)	1	15.00	$\frac{8.20+6.80}{2}$	0.10	11.25 m³	
		1	15.00	$\frac{6.80+6.20}{2}$	0.10	9.75	
		1	15.00	$\frac{6.20+6.30}{2}$	0.13	12.18	
		1	13.00	$\frac{6.3+5.80}{2}$	0.10	7.87	
						41.05 m³	169518.00

C/FC.

29 to 30

n.e. (W.O.)

Add to = 40.80 m³ @ 4154.86/m³

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
9)	Vacuum dewatering with compaction with steel including costing genera Vibratory Power Hea with etc complete

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
	20mm and down (RMC) for compacted, cm, from Work of concrete, with		
+6.80	0.10 = 11.25 m³		
6.20	0.10 = 9.78		
6.30	0.13 = 12.18		
	0.10 = 7.87		
		41.05 m³	149518.00

@ 4154.86/m³

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497275

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	9) Vacuum dewatering with vacuum pump and ducting mat and Compaction with steel float clubbed with floating disc, including costing generator, hire of machine, & screed Vibratory Power floating blade, disc etc with allied and hire etc complete						
		1	15.00	$\frac{8.2+6.8}{2}$	=	112.50 m²	
		1	15.00	$\frac{6.80+6.20}{2}$	=	97.50	
		1	15.00	$\frac{6.20+6.3}{2}$	=	93.75	
		1	13.00	$\frac{6.3+5.8}{2}$	=	78.65	19843.00
						382.40 m²	

@ 51.87/m²

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10]	Providing groove cutting for concrete pavement width of 5mm to 10mm and depth 5mm-10mm including cost of cutting machine, generator, hour of machine, including cutting blade, coolant, etc, including cleaning of groove and providing sand and hot bitumen fillers, and filler materials including cost of conveyance of all materials, labour, lead and hoist charges and all other incidental charges as per drawing and as per specifications.						
	groove. cutting	1	30.00	-	-	30.00	
		1	28.00	-	-	28.00	
		10	65.00	-	-	65.00	
						123.00 mt	12673.00
						@ 103.03/mt	

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
11)	Loading, unlo... as per specifi...

OOK

Depth 6	Contents 7	Reference to last Measurement 8
...ding of 5 mm to ...cutting machine, ...blade, coolant, ...and and belt ...ing cost of conveyance ...s and all other ... specification,		
30.00		
28.00		
65.00		
123.00 mt		12673.00
103.03 mt		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497276

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

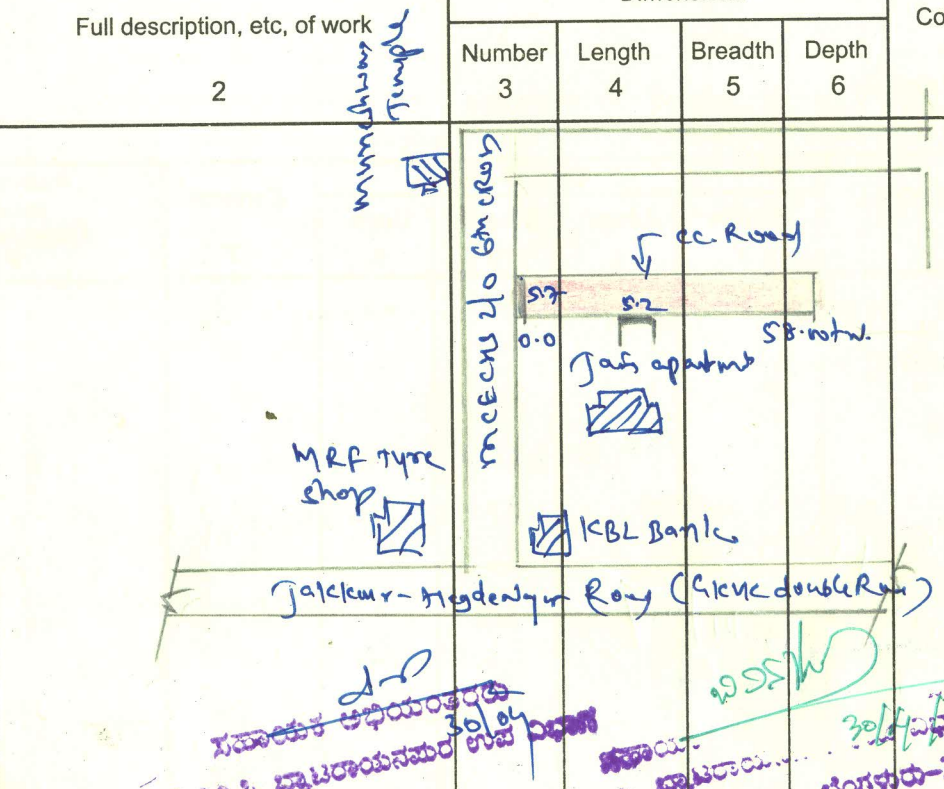
Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	4) Loading, unloading of stone boulders by manual means Complete as per specifications & worth chapter-1 etc.						
			Qty as per Sl no-(1) =			114.47 mt	4979
						@ 43.60 mt Rs	4978.00
							4,79,187.00
						Sub Total Rs	4,79,215.00
							57502.44
					Add GST @ 12%.		57,506.00
						Grand Total Rs	5,36,721.00
							536689.44
						Round off.	536600 /-

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಸಂಖ್ಯೆ 2
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-26

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪವಿಭಾಗ

30/04

ಸಹಾಯ...
ಬ್ಯಾಟರಾಯ...
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-26

30/04/2021

Final

...actor of nature of Agen...
Date of ...encement of work .....

Date	Full description, etc, of work
1	P 3296 2

ಲಿಖಿತೀಕರಿಸಿಕೆ 14th Finance
ಬಿಲ್ಲು ಮೊತ್ತ ರೂ. 53660
ಇದರಲ್ಲಿ ರೂ. 30000/-
ಮುಂಗಡವಾಗಿ ರೂ. 50660

FT/NEFT/RTGS ಮೂಲಕ
ಚಲನ್ ಸಂಖ್ಯೆ
ದಿನಾಂಕ 29/6/21

T BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

Final

M. A. R. 57 (Rule 1
Measurement Book

No. B 497277

..... From..... To.....

actor of nature of Agency .....

Date of ...encement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	P 3296			TTB	536600		
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ 14th Finance Commision Work ರಡಿ			IH	5366		
	ಒಟ್ಟು ಮೊಬಲಗು ರೂ. 536600/= ಗಳನ್ನು ತಾನು ಮಾಡಿದೆ			CGST	4792		
	ಇದರಲ್ಲಿ ರೂ. 30000/= ಗಳನ್ನು ಹೊರಪಾಡಿಕೆ			SGST	4792		
	ಮಾಡಿಕೊಂಡು ರೂ. 506600/= ಗಳನ್ನು			CESS	5366		
	FT/NUPT/RTGS ಮುಖಾಂತರ ನಿಧಿಯಾಗಿ			CBF	537		
	ಚೆಕ್ ನಿಧಿಯ ನಿರ್ವಾಹಕರು 29/6/21			LR	9147		
				Ded	30000		
				Cheff	506600		